

Amendments to the Claims

Please cancel claims 30-47 without prejudice. Please add new claims 48-67 as set forth below in the listing of claims.

Listing of Claims

1-47. (Cancelled)

48. (New) A polypeptide that has the biological activity of an NAD- or NADP-dependent alcohol dehydrogenase and which comprises the sequence of SEQ ID NO:34.
49. (New) The polypeptide of claim 48, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
50. (Withdrawn-new) A process for producing an organic product, comprising reacting the polypeptide of claim 48 with a substrate of said polypeptide and, optionally, with a cofactor of said polypeptide.
51. (Withdrawn-new) The process of claim 50, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
52. (Withdrawn-new) The process of claim 50, further comprising:
- a) isolating the product of the reaction;
 - b) processing the product to give a medicament.
53. (Withdrawn-new) The process of claim 52, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
54. (Withdrawn-new) The process of claim 50, wherein said organic product is an enantiomerically pure alcohol.

55. (Withdrawn-new) The process of claim 54, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
56. (Withdrawn-new) A composition comprising the polypeptide of claim 48 and, in addition, at least one organic compound.
57. (Withdrawn-new) The composition of claim 56, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
58. (Withdrawn-new) The composition of claim 56, wherein said organic compound is a carbonyl compound or an alcohol.
59. (Withdrawn-new) The composition of claim 58, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
60. (Withdrawn-new) The composition of claim 56, further comprising NADH, NADPH, NAD^+ or NADP^+ .
61. (Withdrawn-new) The composition of claim 60, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
62. (Withdrawn-new) The composition of claim 60, wherein said the organic compound is a carbonyl compound or an alcohol.
63. (Withdrawn-new) The composition of claim 62, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
64. (Withdrawn-new) The composition of claim 56, wherein said organic compound is an aldehyde, a ketone, a primary alcohol or a chiral secondary alcohol.

65. (Withdrawn-new) The composition of claim 64, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
66. (Withdrawn-new) The composition of claim 56, wherein said organic compound is an asymmetrically substituted ketone.
67. (Withdrawn-new) The composition of claim 66, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.